

WHAT IS CLAIMED IS:

1. (Original) A flutter test model, comprising:

an elastic spar that simulates an elasticity of an actual wing;

a plurality of wing elements that simulate an external shape of the actual wing, the plurality of wing elements being fixed along the elastic spar so as to form a test wing; and

connecting means for connecting the wing elements to the elastic spar, the connecting means being disposed within the wing elements, wherein the connecting means are interior to an exterior surface of the test wing.

2. (Original) The flutter test model according to Claim 1, wherein the connecting means comprises:

an anchor member that is fixed to the elastic spar; and

a bolt that fixes a wing element of the plurality of wing elements to the anchor member, the wing element being fitted around the elastic spar and the anchor member from a wing tip side, and the bolt passing through the wing element from the wing tip side and being fastened to the anchor member.

3. (Original) The flutter test model according to Claim 2, wherein one of the wing element and the anchor member includes a weight disposed within a weight support hole.

4. (Currently Amended) A flutter test model comprising:

an elastic spar that simulates an elasticity of an actual wing;

a plurality of wing elements that simulate an external shape of the actual wing, wherein the plurality of the wing elements are fixed along the elastic spar so as to form a test wing;

a plurality of anchoring anchor members that are fixed to the elastic spar; and

a plurality of engaging members that fix each of the plurality of wing elements to each of the plurality of anchor members, wherein each of the plurality of wing elements are fitted around the elastic spar, and each of the plurality of engaging members are engaged with each of the plurality of anchor members via a passage in each of the plurality of wing members, the passage passing through each of the plurality of wing members from a wing tip side and is disposed within an interior of an exterior surface of the actual wing.

5. (Original) The flutter test model according to claim 4, wherein the engagement members comprise bolts.

6. (Original) The flutter test model according to claim 4, wherein one of the wing elements and the anchor members includes a weight disposed within a weight support hole.

7-9. (Canceled)

10. (New) The flutter test model according to Claim 1, wherein said wing element is formed by stereolithography.

11. (New) The flutter test model according to Claim 4, wherein said wing element is formed by stereolithography.

12. (New) A flutter test model comprising:

an elastic spar that simulates an elasticity of an actual wing and extends in a span direction;

a plurality of wing elements that simulate an external shape of the actual wing, the plurality of wing elements being fixed along the elastic spar so as to surround the elastic spar and form a test wing; and

connecting means for connecting the wing elements to the elastic spar, the connecting means being entirely disposed within the wing elements so as to be interior to an exterior surface of the test wing.

13. (New) The flutter test model according to Claim 12, wherein the connecting means comprises:

an anchor member that is fixed to the elastic spar; and

a bolt that fixes a wing element of the plurality of wing elements to the anchor member, the wing element being fitted around the elastic spar and the anchor member from a wing tip side, and the bolt passing through the wing element from the wing tip side and being fastened to the anchor member.

14. (New) The flutter test model according to Claim 13, wherein one of the wing element and the anchor member includes a weight disposed within a weight support hole.

15. (New) The flutter test model according to Claim 12, wherein said wing element is formed by stereolithography.